Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 29 Jan 2021 until 23:59 on Saturday 30 Jan 2021

Forecast Issued on Thursday 28 Jan 2021 at 15:27

Confidence: High for overall developments, but medium in detail from Sunday and also lower confidence for amounts of snow over the weekend.

Headline for Friday 29 Jan 2021: Some rain at first, but becoming drier and a little brighter in morning. Cloud thickening again in afternoon to bring patchy sleet or snow.

Mountain weather hazards on Friday 29 Jan 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Light rain	Cloudy	Dull	Sleet	Light snow	Cloudy
Precipitation probability							
<05%	40%	30%	10%	10%	50%	40%	30%

Forecast for Friday 29 Jan 2021

Weather: Cloud thickening overnight to bring outbreaks of light rain. Then a cloudy start to the day with a little rain but soon clearing southwards and becoming brighter. Cloud thickening in the afternoon to bring patchy sleet or snow, even to lower levels, but dying out through the evening

Chance of cloud free mountain/hill tops above 600m: 20% or less at first with extensive cloud down to 500m, but 60% by mid-morning, with broken cloud 600-800m. Chance reducing to 20% in afternoon with cloud down to 450m.

Visibility: Moderate or poor at first, but becoming very good in the morning. Falling moderate or poor again in afternoon as sleet and snow arrives, though very poor at height.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 29 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/24 SW	20/29 W	15/22 W	13/18 NW	13/18 NW	13/19 N	14/21 NE	16/24 E	17/27 E
300	10/22 SW	12/26 W	10/21 W	9/18 NW	9/18 NW	10/19 N	11/21 NE	12/23 E	12/25 E
Valley	8/20 SW	9/22 SW	6/16 W	5/13 W	7/15 NW	9/17 N	10/20 NE	10/21 E	10/23 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-0	4/-2	3/-2	3/-2	2/-2	1/-4	-0/-6	-1/-7	-2/-8
300	6/3	6/2	5/2	5/2	5/2	4/0	2/-2	1/-3	1/-4
Valley	7/5	7/4	6/4	6/4	6/4	5/2	4/-0	3/-1	2/-2
Freezing Level*	1400m	1200m	1100m	1100m	1000m	700m	500m	400m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some wind chill on the tops and becoming increasingly likely in afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 28 Jan 2021	18mm	22.4mm	24mm

Forecast for Saturday 30 Jan 2021

Weather: Mostly dry and cold overnight with some clear spells but cloud increasing. A dry start but snow soon pushing in from southwest, possibly some heavier outbreaks with blizzards on the tops, but perhaps only a little snow with some doubt over northwards extent of snow line. Snow will slip away southwards through the afternoon and clouds will lift and break a little, but cloud breaking up after dark, leaving clear periods and a sharp frost at all levels.

Maximum wind: Easterly 30-35 gust 50mph, becoming northeasterly in afternoon, but easterly 20 gust 30mph late evening.

Chance of cloud free mountain/hill tops above 600m: 20% in morning with extensive cloud down to 500m, but chance improving to around 40% in afternoon as cloud lifts and becomes more broken. Better chance in evening.

Visibility: Moderate becoming poor or very poor, but almost nil in blizzard conditions. Becoming mostly good in the afternoon.

Temperature: **Valleys:** Minus 1 to plus 1 C
At 600m: Minus 1 to minus 3 C
Freezing level: Perhaps 200 or 300m at first but generally freezing at all levels.

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